

Title (en)
HAND PROSTHESIS

Title (de)
HANDPROTHESE MIT GELENKIG AUSRICHTBAREN FINGERN

Title (fr)
PROTHESE DE MAIN

Publication
EP 1971297 B1 20120307 (DE)

Application
EP 06828627 A 20061207

Priority
• DE 2006002177 W 20061207
• DE 102005061313 A 20051220

Abstract (en)
[origin: WO2007076765A2] The invention relates to a hand prosthesis comprising a chassis to which a plurality of finger prostheses are articulated, said finger prostheses being movable about at least one swiveling axis relative to the chassis and towards each other by means of a drive. The aim of the invention is to provide a hand prosthesis which has a simple control mechanism, works reliably and can be produced at low cost. For this purpose, the force transmission devices (10) on a common drive (6) are coupled to the finger prostheses (3, 4, 5) in such a manner that starting from a rest position and depending on the direction of rotation of the drive (6) at least two finger prostheses (3, 4, 5) go through different angles of adjustment relative to the chassis (2).

IPC 8 full level
A61F 2/58 (2006.01); **A61F 2/68** (2006.01)

CPC (source: EP KR US)
A61F 2/583 (2013.01 - EP US); **A61F 2/586** (2013.01 - KR); **A61F 2/586** (2013.01 - EP US); **A61F 2002/30523** (2013.01 - EP US); **A61F 2002/30525** (2013.01 - EP KR US); **A61F 2002/5018** (2013.01 - EP KR US); **A61F 2002/5055** (2013.01 - EP KR US); **A61F 2002/5093** (2013.01 - EP KR US); **A61F 2002/587** (2013.01 - EP KR US); **A61F 2002/701** (2013.01 - EP KR US); **A61F 2220/0025** (2013.01 - EP KR US)

Cited by
DE102018100173A1; WO2019134826A1; US11464654B2; US11944555B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007076765 A2 20070712; WO 2007076765 A3 20071011; AT E548002 T1 20120315; AU 2006332318 A1 20070712; AU 2006332318 B2 20120726; BR PI0619028 A2 20110920; BR PI0619028 B1 20171205; BR PI0619028 B8 20210622; CA 2631982 A1 20070712; CA 2631982 C 20120717; CN 101340866 A 20090107; CN 101340866 B 20110504; DE 102005061313 A1 20070816; DE 102005061313 A8 20080904; EP 1971297 A2 20080924; EP 1971297 B1 20120307; JP 2009519797 A 20090521; JP 5242409 B2 20130724; KR 101265934 B1 20130520; KR 20080079305 A 20080829; RU 2008125981 A 20100127; RU 2387412 C2 20100427; US 2008262636 A1 20081023; US 7867287 B2 20110111

DOCDB simple family (application)
DE 2006002177 W 20061207; AT 06828627 T 20061207; AU 2006332318 A 20061207; BR PI0619028 A 20061207; CA 2631982 A 20061207; CN 200680048280 A 20061207; DE 102005061313 A 20051220; EP 06828627 A 20061207; JP 2008546105 A 20061207; KR 20087016695 A 20080709; RU 2008125981 A 20061207; US 9780406 A 20061207